```
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LOGINID:ssspt189dxw

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * *   Welcome to STN International   * * * * * * * * *

 NEWS  1         Web Page for STN Seminar Schedule - N. America
 NEWS  2  JAN 02  STN pricing information for 2008 now available
 NEWS  3  JAN 16  CAS patent coverage enhanced to include exemplified
                  prophetic substances
 NEWS  4  JAN 28  USPATFULL, USPAT2, and USPATOLD enhanced with new
                  custom IPC display formats
 NEWS  5  JAN 28  MARPAT searching enhanced
 NEWS  6  JAN 28  USGENE now provides USPTO sequence data within 3 days
                  of publication
 NEWS  7  JAN 28  TOXCENTER enhanced with reloaded MEDLINE segment
 NEWS  8  JAN 28  MEDLINE and LMEDLINE reloaded with enhancements
 NEWS  9  FEB 08  STN Express, Version 8.3, now available
 NEWS 10  FEB 20  PCI now available as a replacement to DPCI
 NEWS 11  FEB 25  IFIREF reloaded with enhancements
 NEWS 12  FEB 25  IMSPRODUCT reloaded with enhancements
 NEWS 13  FEB 29  WPINDEX/WPIDS/WPIX enhanced with ECLA and current
                  U.S. National Patent Classification
 NEWS 14  MAR 31  IFICDB, IFIPAT, and IFIUDB enhanced with new custom
                  IPC display formats
 NEWS 15  MAR 31  CAS REGISTRY enhanced with additional experimental
                  spectra
 NEWS 16  MAR 31  CA/CAplus and CASREACT patent number format for U.S.
                  applications updated
 NEWS 17  MAR 31  LPCI now available as a replacement to LDPCI
 NEWS 18  MAR 31  EMBASE, EMBAL, and LEMBASE reloaded with enhancements
 NEWS 19  APR 04  STN AnaVist, Version 1, to be discontinued
 NEWS 20  APR 15  WPIDS, WPINDEX, and WPIX enhanced with new
                  predefined hit display formats
 NEWS 21  APR 28  EMBASE Controlled Term thesaurus enhanced
 NEWS 22  APR 28  IMSRESEARCH reloaded with enhancements
 NEWS 23  MAY 30  INPAFAMDB now available on STN for patent family
                  searching
 NEWS 24  MAY 30  DGENE, PCTGEN, and USGENE enhanced with new homology
                  sequence search option
 NEWS 25  JUN 06  EPFULL enhanced with 52,000 English abstracts
 NEWS 26  JUN 06  KOREAPAT updated with 41,000 documents
 NEWS 27  JUN 13  USPATFULL and USPAT2 updated with 11-character
                  patent numbers for U.S. applications
 NEWS 28  JUN 19  CAS REGISTRY includes selected substances from
```

```
                    web-based collections

 NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
            AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
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* * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 17:27:23 ON 23 JUN 2008

=> index bioscience
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS                               SINCE FILE     TOTAL
                                                     ENTRY      SESSION
FULL ESTIMATED COST                                   0.21        0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
      AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
      CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
      DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 17:27:33 ON 23 JUN 2008

69 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s Corynebacterium ammoniagenes and xanthylic acid and
resistance(p)5-fluorotryptophan
          0*  FILE ADISNEWS
          0*  FILE ANTE
          0*  FILE AQUALINE
          0*  FILE BIOENG
          1*  FILE BIOTECHABS
          1*  FILE BIOTECHDS
          0*  FILE BIOTECHNO
          1   FILE CAPLUS
          0*  FILE CEABA-VTB
          0*  FILE CIN
  25 FILES SEARCHED...
          0*  FILE ESBIOBASE
          0*  FILE FOMAD
          0*  FILE FOREGE
          0*  FILE FROSTI
          0*  FILE FSTA
          1   FILE IFIPAT
          0*  FILE KOSMET
          0*  FILE NTIS
          0*  FILE NUTRACEUT
          0*  FILE PASCAL
          0*  FILE PHARMAML
```

```
  56 FILES SEARCHED...
          1    FILE TOXCENTER
          1    FILE USPATFULL
          0*   FILE WATER
          1    FILE WPIDS
          1    FILE WPINDEX

   8 FILES HAVE ONE OR MORE ANSWERS,    69 FILES SEARCHED IN STNINDEX

L1    QUE CORYNEBACTERIUM AMMONIAGENES AND XANTHYLIC ACID AND RESISTANCE(P) 5-FL
         UOROTRYPTOPHAN

=> file biotechabs biotechds caplus ifipat toxcenter uspatfull
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY       SESSION
FULL ESTIMATED COST                                    1.95        2.16

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 17:29:31 ON 23 JUN 2008
COPYRIGHT (C) 2008 THOMSON REUTERS

FILE 'CAPLUS' ENTERED AT 17:29:31 ON 23 JUN 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'IFIPAT' ENTERED AT 17:29:31 ON 23 JUN 2008
COPYRIGHT (C) 2008 IFI CLAIMS(R) Patent Services (IFI)

FILE 'TOXCENTER' ENTERED AT 17:29:31 ON 23 JUN 2008
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 17:29:31 ON 23 JUN 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l1
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'RESISTANCE(P) 5-FLUOROT'
L2           5 L1

=> rem dup l2
DUP IS NOT VALID HERE
The DELETE command is used to remove various items stored by the
system.

To delete a saved query, saved answer set, saved L-number list, SDI
request, batch request, mailing list, or user-defined cluster, format,
or search field, enter the name.  The name may include ?  for left,
right, or simultaneous left and right truncation.

Examples:

   DELETE BIO?/Q        - delete query names starting with BIO
   DELETE ?DRUG/A       - delete answer set names ending with DRUG
   DELETE ?ELEC?/L      - delete L-number lists containing ELEC
   DELETE ANTICOAG/S    - delete SDI request
   DELETE ENZYME/B      - delete batch request
   DELETE .MYCLUSTER    - delete user-defined cluster
   DELETE .MYFORMAT     - delete user-defined display format
   DELETE .MYFIELD      - delete user-defined search field
   DELETE NAMELIST MYLIST - delete mailing list
```

To delete an ordered document or an offline print, enter its
number.

Examples:

```
DELETE P123001C      - delete print request
DELETE D134002C      - delete document order request
```

To delete an individual L-number or range of L-numbers, enter the
L-number or L-number range. You may also enter DELETE LAST followed
by a number, n, to delete the last n L-numbers. RENUMBER or
NORENUMBER may also be explicitly specified to override the value of
SET RENUMBER.

Examples:

```
DELETE L21           - delete a single L-number
DELETE L3-L6         - delete a range of L-numbers
DELETE LAST 4        - delete the last 4 L-numbers
DELETE L33-          - delete L33 and any higher L-number
DELETE -L55          - delete L55 and any lower L-number
DELETE L2-L6 RENUMBER - delete a range of L-numbers and
                       renumber remaining L-numbers
DELETE RENUMBER      - renumber L-numbers after deletion of
                       intermediate L-numbers
```

Entire sets of saved items, SDI requests, batch requests, user-defined
items, or E-numbers can be deleted.

Examples:

```
DELETE SAVED/Q - delete all saved queries
DELETE SAVED/A - delete all saved answer sets
DELETE SAVED/L - delete all saved L-number lists
DELETE SAVED   - delete all saved queries, answer sets,
                 and L-number lists
DELETE SAVED/S - delete all SDI requests
DELETE SAVED/B - delete all batch requests
DELETE CLUSTER - delete all user-defined clusters
DELETE FORMAT  - delete all user-defined display formats
DELETE FIELD   - delete all user-defined search fields
DELETE SELECT  - delete all E-numbers
DELETE HISTORY - delete all L-numbers and restart the
                 session at L1
```

To delete an entire multifile SDI request, enter DELETE and
the name of the request. To delete a component from the
multifile SDI, enter DELETE and the name of the component.

```
=> dup rem l2
PROCESSING COMPLETED FOR L2
L3           3 DUP REM L2 (2 DUPLICATES REMOVED)

=> d l3 1-3

L3    ANSWER 1 OF 3   IFIPAT   COPYRIGHT 2008 IFI on STN
AN    11491611   IFIPAT;IFIUDB;IFICDB
TI    MICROORGANISM PRODUCING 5'-XANTHYLIC ACID
IN    Chang Jea-Young (KR); Kim Jeong-Hwan (KR); Lee Jin-Nam (KR); Oh Ki-Hoon
      (KR); Oh Yoon-Suk (KR); Park Young-Hoon (KR); Sim Jae-Ick (KR)
PA    Unassigned Or Assigned To Individual (68000)
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```
PPA     CJ Corp KR (Probable)
PI      US 2007141682   A1  20070621
AI      US 2004-582166       20041118
        WO 2004-KR2993       20041118
                             20060608  PCT 371 date
                             20060608  PCT 102(e) date
PRAI    KR 2003-89714        20031210
FI      US 2007141682        20070621
DT      Utility; Patent Application - First Publication
FS      CHEMICAL
        APPLICATION
ED      Entered STN: 22 Jun 2007
        Last Updated on STN: 17 Jul 2007
CLMN    3


L3      ANSWER 2 OF 3   USPATFULL on STN
AN      2007:162128  USPATFULL
TI      Microorganism producing 5'-xanthylic acid
IN      Park, Young-Hoon, Seongnam-si, KOREA, REPUBLIC OF
        Chang, Jea-Young, Anyang-si, KOREA, REPUBLIC OF
        Lee, Jin-Nam, Yongin-si, KOREA, REPUBLIC OF
        Oh, Ki-Hoon, Icheon-si, KOREA, REPUBLIC OF
        Kim, Jeong-Hwan, Seoul, KOREA, REPUBLIC OF
        Oh, Yoon-Suk, Yongin-si, KOREA, REPUBLIC OF
        Sim, Jae-Ick, Icheon-si, KOREA, REPUBLIC OF
PI      US 20070141682    A1  20070621
AI      US 2004-582166    A1  20041118 (10)
        WO 2004-KR2993        20041118
                             20060608  PCT 371 date
PRAI    KR 2003-89714        20031210
DT      Utility
FS      APPLICATION
LN.CNT  201
INCL    INCLM: 435/117.000
        INCLS: 435/252.300
NCL     NCLM:  435/117.000
        NCLS:  435/252.300
IC      IPCI   C12P0017-00 [I,A]; C12N0001-21 [I,A]
        IPCR   C12P0017-00 [I,C]; C12P0017-00 [I,A]; C12N0001-20 [I,C*];
               C12N0001-20 [I,A]; C12N0001-21 [I,C]; C12N0001-21 [I,A];
               C12P0019-00 [I,C*]; C12P0019-32 [I,A]; C12R0001-15 [N,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


L3      ANSWER 3 OF 3   BIOTECHDS COPYRIGHT 2008 THOMSON REUTERS on STN DUPLICATE
        1
AN      2005-19227  BIOTECHDS
TI      New mutant strain of Corynebacterium ammoniagenes
        having a resistance to 5-fluorotryptophan
        useful for producing 5'-xanthylic acid;
            mutant Corynebacterium ammoniagenes construction
            for strain improvement and 5'-xanthylic acid
            production
AU      PARK Y; CHANG J; LEE J; OH K; KIM J; OH Y; SIM J
PA      CJ CORP
PI      WO 2005056775 23 Jun 2005
AI      WO 2004-KR2993 18 Nov 2004
PRAI    KR 2003-89714 10 Dec 2003; KR 2003-89714 10 Dec 2003
DT      Patent
LA      English
OS      WPI: 2005-435586 [44]
```

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=> d hist

      (FILE 'HOME' ENTERED AT 17:27:23 ON 23 JUN 2008)

      INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
      AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
      CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
      DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 17:27:33 ON 23 JUN 2008
                SEA CORYNEBACTERIUM AMMONIAGENES AND XANTHYLIC ACID AND RESISTA
                ---------
                0*  FILE ADISNEWS
                0*  FILE ANTE
                0*  FILE AQUALINE
                0*  FILE BIOENG
                1*  FILE BIOTECHABS
                1*  FILE BIOTECHDS
                0*  FILE BIOTECHNO
                1   FILE CAPLUS
                0*  FILE CEABA-VTB
                0*  FILE CIN
                0*  FILE ESBIOBASE
                0*  FILE FOMAD
                0*  FILE FOREGE
                0*  FILE FROSTI
                0*  FILE FSTA
                1   FILE IFIPAT
                0*  FILE KOSMET
                0*  FILE NTIS
                0*  FILE NUTRACEUT
                0*  FILE PASCAL
                0*  FILE PHARMAML
                1   FILE TOXCENTER
                1   FILE USPATFULL
                0*  FILE WATER
                1   FILE WPIDS
                1   FILE WPINDEX
L1              QUE CORYNEBACTERIUM AMMONIAGENES AND XANTHYLIC ACID AND RESISTA
                ---------

      FILE 'BIOTECHDS, CAPLUS, IFIPAT, TOXCENTER, USPATFULL' ENTERED AT
      17:29:31 ON 23 JUN 2008
L2              5 S L1
L3              3 DUP REM L2 (2 DUPLICATES REMOVED)

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                          ENTRY       SESSION
FULL ESTIMATED COST                                       26.11        28.27

STN INTERNATIONAL LOGOFF AT 17:30:02 ON 23 JUN 2008



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Welcome to STN International!  Enter x:x
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#### Thank you for accessing STN ####


 Our services are currently unavailable.  The regularly scheduled hours
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                               Saturday at 22:00 (10:00 PM)

    On the first Saturday of each month, STN is available only until
    17:00 (5:00 PM).

    Tokyo time:                Sunday from 14:00 (2:00 PM) until
                               Sunday at 11:00 (11:00 AM)


    On the Sunday of the first weekend of each month, STN is
    available only until 06:00 (6:00 AM).

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 time, Monday through Friday, at the following telephone numbers:

    Help Desk        - (800) 848-6533  North America
                     - (614) 447-3698  Elsewhere

    Customer Service - (800) 753-4227  North America
                     - (614) 447-3731  Elsewhere

    We can also be contacted via email at HELP@CAS.ORG.



Connection closed by remote host



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Welcome to STN International!  Enter x:x

LOGINID:ssspt188dxw

PASSWORD:
LOGINID/PASSWORD REJECTED

The loginid and/or password sent to STN were invalid.
You either typed them incorrectly, or line noise may
have corrupted them.

Do you wish to retry the logon?
Enter choice (y/N):
Do you wish to use the same loginid and password?
Enter choice (y/N):
Enter new loginid (or press [Enter] for ssspt188dxw):

Connecting via Winsock to STN
```

```
LOGINID:
ssspt188dxw

STNLOGON timed out


Connecting via Winsock to STN




Welcome to STN International!  Enter x:x

LOGINID:ssspt188dxw

PASSWORD:
LOGINID/PASSWORD REJECTED

The loginid and/or password sent to STN were invalid.
You either typed them incorrectly, or line noise may
have corrupted them.

Do you wish to retry the logon?
Enter choice (y/N):
Do you wish to use the same loginid and password?
Enter choice (y/N):
Enter new loginid (or press [Enter] for ssspt188dxw):
Enter new password:

LOGINID:
LOGINID:ssspt189dxw

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * *   Welcome to STN International   * * * * * * * * *

  NEWS  1        Web Page for STN Seminar Schedule - N. America
  NEWS  2  AUG 15  CAOLD to be discontinued on December 31, 2008
  NEWS  3  OCT 07  EPFULL enhanced with full implementation of EPC2000
  NEWS  4  OCT 07  Multiple databases enhanced for more flexible patent
                   number searching
  NEWS  5  OCT 22  Current-awareness alert (SDI) setup and editing
                   enhanced
  NEWS  6  OCT 22  WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT
                   Applications
  NEWS  7  OCT 24  CHEMLIST enhanced with intermediate list of
                   pre-registered REACH substances
  NEWS  8  NOV 21  CAS patent coverage to include exemplified prophetic
                   substances identified in English-, French-, German-,
                   and Japanese-language basic patents from 2004-present
  NEWS  9  NOV 26  MARPAT enhanced with FSORT command
  NEWS 10  NOV 26  MEDLINE year-end processing temporarily halts
                   availability of new fully-indexed citations
  NEWS 11  NOV 26  CHEMSAFE now available on STN Easy
  NEWS 12  NOV 26  Two new SET commands increase convenience of STN
                   searching
  NEWS 13  DEC 01  ChemPort single article sales feature unavailable
  NEWS 14  DEC 12  GBFULL now offers single source for full-text
                   coverage of complete UK patent families
  NEWS 15  DEC 17  Fifty-one pharmaceutical ingredients added to PS
```

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 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
            AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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* * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *


FILE 'HOME' ENTERED AT 22:14:11 ON 04 JAN 2009

=> index bioscience
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                    ENTRY       SESSION
FULL ESTIMATED COST                                  0.22         0.22

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
      AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
      CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
      DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 22:14:29 ON 04 JAN 2009

68 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s Corynebacterium ammoniagenes and 5-fluorotryptophan and 5'-xanthylic acid
MISMATCHED QUOTE 'AND 5'-XANTHYLIC'
Quotation marks (or apostrophes) must be used in pairs,
one before and one after the expression you are setting
off or masking.

=> s Corynebacterium ammoniagenes and 5-fluorotryptophan and xanthylic acid
          1    FILE BIOTECHABS
          1    FILE BIOTECHDS
          1    FILE CAPLUS
   23 FILES SEARCHED...
          1    FILE IFIPAT
   55 FILES SEARCHED...
          1    FILE TOXCENTER
          1    FILE USPATFULL
          1    FILE WPIDS
          1    FILE WPIFV
          1    FILE WPINDEX

    9 FILES HAVE ONE OR MORE ANSWERS,    68 FILES SEARCHED IN STNINDEX

L1    QUE CORYNEBACTERIUM AMMONIAGENES AND 5-FLUOROTRYPTOPHAN AND XANTHYLIC ACID

=> file biotechabs biotechds caplus ifipat toxcenter uspatfull wpids wpifv wpindex
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
```

```
                                          ENTRY     SESSION
FULL ESTIMATED COST                       10.20     10.42

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 22:23:24 ON 04 JAN 2009
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FILE 'IFIPAT' ENTERED AT 22:23:24 ON 04 JAN 2009
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FILE 'TOXCENTER' ENTERED AT 22:23:24 ON 04 JAN 2009
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FILE 'USPATFULL' ENTERED AT 22:23:24 ON 04 JAN 2009
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 22:23:24 ON 04 JAN 2009
COPYRIGHT (C) 2009 THOMSON REUTERS

FILE 'WPIFV' ENTERED AT 22:23:24 ON 04 JAN 2009
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s l1
L2          7 L1

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3          3 DUP REM L2 (4 DUPLICATES REMOVED)

=> d l3 1-3

L3    ANSWER 1 OF 3  IFIPAT  COPYRIGHT 2009 IFI on STN  DUPLICATE 1
AN    11491611  IFIPAT;IFIUDB;IFICDB
TI    Microorganism producing 5'-xanthylic acid
IN    Chang Jea-Young (KR); Kim Jeong-Hwan (KR); Lee Jin-Nam (KR); Oh Ki-Hoon
      (KR); Oh Yoon-Suk (KR); Park Young-Hoon (KR); Sim Jae-Ick (KR)
PA    Unassigned Or Assigned To Individual (68000)
PPA   CJ Corp KR (Probable)
PI    US 20070141682  A1  20070621
AI    US 2004-582166      20041118
      WO 2004-KR2993      20041118
                         20060608  PCT 371 date
                         20060608  PCT 102(e) date
PRAI  KR 2003-89714       20031210
FI    US 20070141682      20070621
DT    Utility; Patent Application - First Publication
FS    CHEMICAL
      APPLICATION
ED    Entered STN: 22 Jun 2007
      Last Updated on STN: 17 Jul 2007
CLMN  3

L3    ANSWER 2 OF 3  WPIFV  COPYRIGHT 2009 THOMSON REUTERS on STN
AN    2008-2712872   WPIFV
```

```
TI     New mutant strain of Corynebacterium ammoniagenes
       having a resistance to 5-fluorotryptophan useful for
       producing 5'-xanthylic acid
IN     PARK Y (KR); CHANG J (KR); LEE J (KR); OH K (KR); KIM J (KR)
INFN   PARK YOUNG-HOON KR
       CHANG JEA-YOUNG KR
       LEE JIN-NAM KR
       OH KI-HOON KR
       KIM JEONG-HWAN+ KR
PA     (CJCJ-N) CJ CORP (KR)
PI     TW 290173        B1 20071121  Chinese         Equivalent
PI.B   WO 2005056775    A1
AI     TW 2004-137850        20041207
PRAI   KR 2003-89714         20031210
ICM    C12N001-20
ICS    C12N015-01


L3     ANSWER 3 OF 3  BIOTECHDS COPYRIGHT 2009 THOMSON REUTERS on STN  DUPLICATE
       2
AN     2005-19227  BIOTECHDS
TI     New mutant strain of Corynebacterium ammoniagenes
       having a resistance to 5-fluorotryptophan useful for
       producing 5'-xanthylic acid;
          mutant Corynebacterium ammoniagenes construction
          for strain improvement and 5'-xanthylic acid
          production
AU     PARK Y; CHANG J; LEE J; OH K; KIM J; OH Y; SIM J
PA     CJ CORP
PI     WO 2005056775 23 Jun 2005
AI     WO 2004-KR2993 18 Nov 2004
PRAI   KR 2003-89714 10 Dec 2003; KR 2003-89714 10 Dec 2003
DT     Patent
LA     English
OS     WPI: 2005-435586 [44]


=> s l3 and (CJXFT 0301 or KCCM 10530)
L4          3 L3 AND (CJXFT 0301 OR KCCM 10530)

=> d l4 1

L4     ANSWER 1 OF 3  BIOTECHDS COPYRIGHT 2009 THOMSON REUTERS on STN
AN     2005-19227  BIOTECHDS
TI     New mutant strain of Corynebacterium ammoniagenes
       having a resistance to 5-fluorotryptophan useful for
       producing 5'-xanthylic acid;
          mutant Corynebacterium ammoniagenes construction
          for strain improvement and 5'-xanthylic acid
          production
AU     PARK Y; CHANG J; LEE J; OH K; KIM J; OH Y; SIM J
PA     CJ CORP
PI     WO 2005056775 23 Jun 2005
AI     WO 2004-KR2993 18 Nov 2004
PRAI   KR 2003-89714 10 Dec 2003; KR 2003-89714 10 Dec 2003
DT     Patent
LA     English
OS     WPI: 2005-435586 [44]


=> d l4 2

L4     ANSWER 2 OF 3  IFIPAT  COPYRIGHT 2009 IFI on STN
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AN      11491611  IFIPAT;IFIUDB;IFICDB
TI      Microorganism producing 5'-xanthylic acid
IN      Chang Jea-Young (KR); Kim Jeong-Hwan (KR); Lee Jin-Nam (KR); Oh Ki-Hoon
        (KR); Oh Yoon-Suk (KR); Park Young-Hoon (KR); Sim Jae-Ick (KR)
PA      Unassigned Or Assigned To Individual (68000)
PPA     CJ Corp KR (Probable)
PI      US 20070141682  A1  20070621
AI      US 2004-582166      20041118
        WO 2004-KR2993      20041118
                            20060608  PCT 371 date
                            20060608  PCT 102(e) date
PRAI    KR 2003-89714       20031210
FI      US 20070141682      20070621
DT      Utility; Patent Application - First Publication
FS      CHEMICAL
        APPLICATION
ED      Entered STN: 22 Jun 2007
        Last Updated on STN: 17 Jul 2007
CLMN    3


=> d l4 3

L4      ANSWER 3 OF 3  WPIFV  COPYRIGHT 2009 THOMSON REUTERS on STN
AN      2008-2712872  WPIFV
TI      New mutant strain of Corynebacterium ammoniagenes
        having a resistance to 5-fluorotryptophan useful for
        producing 5'-xanthylic acid
IN      PARK Y (KR); CHANG J (KR); LEE J (KR); OH K (KR); KIM J (KR)
INFN    PARK YOUNG-HOON KR
        CHANG JEA-YOUNG KR
        LEE JIN-NAM KR
        OH KI-HOON KR
        KIM JEONG-HWAN+ KR
PA      (CJCJ-N) CJ CORP (KR)
PI      TW 290173       B1 20071121  Chinese       Equivalent
PI.B    WO 2005056775  A1
AI      TW 2004-137850      20041207
PRAI    KR 2003-89714       20031210
ICM     C12N001-20
ICS     C12N015-01


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     (FILE 'HOME' ENTERED AT 22:14:11 ON 04 JAN 2009)

     INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
     AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
     CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
     DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 22:14:29 ON 04 JAN 2009
                SEA CORYNEBACTERIUM AMMONIAGENES AND 5-FLUOROTRYPTOPHAN AND XAN
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                        1   FILE BIOTECHABS
                        1   FILE BIOTECHDS
                        1   FILE CAPLUS
                        1   FILE IFIPAT
                        1   FILE TOXCENTER
                        1   FILE USPATFULL
                        1   FILE WPIDS
                        1   FILE WPIFV
                        1   FILE WPINDEX
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L1              QUE CORYNEBACTERIUM AMMONIAGENES AND 5-FLUOROTRYPTOPHAN AND XAN
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     FILE 'BIOTECHDS, CAPLUS, IFIPAT, TOXCENTER, USPATFULL, WPIDS, WPIFV'
     ENTERED AT 22:23:24 ON 04 JAN 2009
L2           7 S L1
L3           3 DUP REM L2 (4 DUPLICATES REMOVED)
L4           3 S L3 AND (CJXFT 0301 OR KCCM 10530)

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                      ENTRY    SESSION
FULL ESTIMATED COST                                   46.67      57.09

STN INTERNATIONAL LOGOFF AT 22:26:48 ON 04 JAN 2009
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